



# Tech Info Library

## Apple Workgroup Server 60: Specifications

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TOPIC -----

This article provides technical specifications for the Apple Workgroup Server 60.

DISCUSSION -----

### Microprocessor

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- MC68040, running at 25 MHz clock speed; 32-bit data bus; with a floating-point unit (FPU)
- Integral Paged Memory Management Unit (PMMU) and 8K cache architecture

### Memory

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- 8MB RAM, expandable to 68MB by adding SIMMs to two 72-pin slots

### Storage

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- One built-in Apple SuperDrive 1.4MB floppy disk drive
- One internal 230MB or 500MB hard disk
- Accommodates one 5.25-in. half-height device, such as the AppleCD 300i internal CD-ROM drive

### Video Display

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- Supports all Apple displays
- Works with a wide range of third-party displays, including some 19-inch, VGA, SVGA, NTSC, and PAL monitors

### Video RAM (VRAM)

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- Can support up to 1024K
- 512K standard supports:
  - 32,768 colors on the Macintosh 12" RGB Display
  - 256 colors on the AppleColor High-Resolution RGB Display (13"), Macintosh Color Display (14"), and Macintosh 16-inch Color Display
  - 256 shades of gray on the Macintosh 12" Monochrome Display
  - 16 shades of gray on the Macintosh Portrait Display (15")

- 16 colors on the Macintosh 21" Color Display

## Interfaces

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- Internal expansion slot for one processor-direct or 7-inch NuBus expansion card (requires adapter)
- SCSI interface for connecting up to six external peripheral devices
- AAUI Ethernet connector
- Two serial (RS-232 or RS-422) ports
- One video port for color and monochrome displays of various sizes and resolutions
- One sound-output port (stereo) for external amplifier or headphones, and CD play-through
- One sound-input port for monaural sound input
- Two Apple Desktop Bus (ADB) ports for a keyboard, mouse, and other devices

## Sound Generator

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- Custom integrated circuit drives a stereo miniature headphone jack (22 kHz sample rate)

## Keyboard and Mouse

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- Several ADB keyboards with numeric keypads available
- Apple Desktop Bus Mouse II

## Clock/Calendar

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- Custom integrated circuit with long-life lithium battery

## Disability Access

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- CloseView, Easy Access, and visible-beep software are built in. These and third-party options provide alternative input and output devices

## Power Requirements

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- Line voltage: 100 to 240 V AC, RMS single phase, automatically configured
- Frequency: 47 to 63 Hz
- Power: 86 W maximum, not including display power

## ADB Power Requirements

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- Maximum current draw for all ADB devices: 500 mA (recommended maximum of three ADB devices )
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA, depending on the model used

## Size and Weight

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Main Unit:

- Height: 3.4 in. (8.5 cm)
- Width: 16.3 in. (41.5 cm)
- Depth: 15.6 in. (39.7 cm)
- Weight: 14.0 lbs (6.4 kg) varies with internal devices installed

#### Mouse

- Height: 1.3 in. (3.3 cm)
- Width: 2.4 in. (6.2 cm)
- Depth: 4.2 in. (10.7 cm)
- Weight: 4.0 oz. (0.10 kg)

#### Operating Environment

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 116.6° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

#### Ordering Information

##### Apple Workgroup Server 60 8/230

- Apple Workgroup Server 60 computer with 8MB of RAM, built-in 1.4MB Apple SuperDrive, and internal 230MB hard disk drive
- Mouse
- System software, AppleShare 4.0 file and print server software, and Apple documentation viewer preloaded on hard drive
- AppleShare file and print server software and installer software
- Complete on-line and hard-copy documentation
- Limited warranty statement

##### Other configurations

- Internal 500MB hard disk
- Internal AppleCD 300i CD-ROM drive

##### NuBus Adapter

###### Order No. M1402LL/A

- Macintosh Centris 610 NuBus Adapter (fully compatible with the Apple Workgroup Server 60)
- Limited warranty statement

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